

2013



# Southern Region Annual HIV Epidemiological Profile

**2013 Southern Region Annual  
HIV Epidemiological Profile**  
Data reported through December 31, 2014

**Center for HIV Surveillance, Epidemiology and Evaluation  
Infectious Disease Epidemiology and Outbreak Response Bureau  
Prevention and Health Promotion Administration  
Maryland Department of Health and Mental Hygiene  
<http://phpa.dhmf.maryland.gov/oideor/chse>  
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## Section I – Background Information

### HIV/AIDS Reporting Requirements

The Maryland HIV/AIDS Reporting Act of 2007 went into effect on April 24, 2007. The law expanded HIV/AIDS reporting and required that HIV cases be reported by name. The following highlights the reporting requirements of Health-General Articles 18-201.1, 18-202.1, and 18-205 of the Annotated Code of Maryland, as specified in COMAR 10.18.02.

- Physicians are required to report patients in their care with diagnoses of HIV or AIDS immediately to the Local Health Department where the physician's office is located by mailing DHMH Form 1140. Reports are also accepted by phone.
- Physicians are required to report infants born to HIV positive mothers within 48 hours to the State Health Department by mailing DHMH Form 1140. Reports are also accepted by phone.
- Clinical and infection control practitioners in hospitals, nursing homes, hospice facilities, medical clinics in correctional facilities, inpatient psychiatric facilities, and inpatient drug rehabilitation facilities are required to report patients in the care of the institution with diagnoses of HIV or AIDS within 48 hours to the Local Health Department where the institution is located by mailing DHMH Form 1140. Reports are also accepted by phone. Facilities with large volumes are encouraged to contact the State Health Department to establish electronic reporting.
- Laboratory Chiefs are required to report patients with laboratory results indicating HIV infection (e.g., positive confirmatory HIV diagnostic tests, all CD4 immunological tests, all HIV viral load tests, and all HIV genotype and phenotype tests) within 48 hours to the Local Health Department where the laboratory is located, or if out of state to the Maryland State Health Department, by mailing DHMH Form 4492. Laboratories are encouraged to contact the State Health Department to establish electronic reporting.

Reporting forms and instructions are available on our website:

<http://phpa.dhmh.maryland.gov/oideor/chse/sitepages/reporting-material.aspx>

### For Assistance with HIV/AIDS Reporting

For assistance with reporting, including establishment of routine, electronic, or other alternate methods of reporting to the Health Department, please contact the Center for HIV Surveillance, Epidemiology and Evaluation in the Maryland Department of Health and Mental Hygiene at 410-767-5061.

### Limitations in the HIV/AIDS Data

This epidemiological profile only contains data for HIV and AIDS cases that have been diagnosed by a health care provider, were reported to the health department by name, and were residents of Maryland at the time of diagnosis. Nationally, it has been estimated that 14% of people living with HIV infection are undiagnosed. In addition, despite a massive effort during which over 17,000 HIV cases were reported after the Maryland HIV reporting law changed on April 24, 2007, not all diagnosed HIV cases previously reported by Maryland's code-based identifier were located and re-reported by name. In addition, many of the re-reported HIV cases were identified by a recent diagnosis and not by their earliest diagnosis, resulting in an under-reporting of HIV diagnoses before 2001 and an over-reporting of HIV diagnoses from 2001 to 2008. It is important to note that surveillance is an ongoing systematic collection, analysis, interpretation, and dissemination of laboratory data. Furthermore, laboratory data are only available for cases receiving medical care, usually only at facilities in Maryland, and only includes test results that have been reported to the health department. Linkage to care data is based solely on laboratory data reported to the health department. Caution should be exercised in using the number of living HIV cases without AIDS and in interpreting trends in the number of reported HIV diagnoses.

### **Stages of a Case of HIV/AIDS**

Untreated HIV disease progresses from HIV infection to AIDS to death. These are biological events that occur whether or not a person receives any medical care. For example, a person can be HIV infected but never have an HIV test and so they do not have an HIV diagnosis. A medical provider diagnoses that these biological events have occurred and records them as a medical event. The law requires medical providers to report these medical events to the Health Department, thereby creating a surveillance event.

Time Point	Biological Event	Medical Event	Surveillance Event
1	HIV Infection		
2		HIV Diagnosis	
3			HIV Report
4	AIDS Conditions		
5		AIDS Diagnosis	
6			AIDS Report
7	Death		
8		Death Diagnosis	
9			Death Report

A case of HIV/AIDS can only move through time in one direction, from HIV infection to death report [from time point 1 to time point 9], but may skip over individual stages. Events can occur simultaneously, but usually there is a time lag between them. The time lag between events can be measured in days, months, and years.

For example, the time between HIV infection [time point 1] and the test that diagnoses HIV [time point 2] may be several years, and it may then take several days for the laboratory and physician to report the diagnosis to the health department [time point 3]. In a second example, a person with diagnosed and reported HIV infection [time point 3] may die [time point 7] without developing AIDS, thereby skipping the three AIDS events (conditions, diagnosis, and report [time points 4, 5 and 6]). And in a third example, a person with undiagnosed HIV infection [time point 1] may become sick, enter the hospital, and die [time point 7] of what is later determined to be AIDS. In that situation, HIV diagnosis [time point 2], AIDS diagnosis [time point 5], and death diagnosis [time point 8] would all occur at the same time, and that would probably be many years after the initial HIV infection [time point 1].

### **Changes in Case Terminology**

The terminology for HIV and AIDS cases was changed from earlier epidemiological profiles to be more precise, with Reported Diagnoses replacing Incidence and Living Cases replacing Prevalence. Incidence is a measure of the number of new events (such as HIV infections) in a population during a period of time. Prevalence is a measure of the number of people living with a condition (such as HIV) in a population at a certain time. Prevalence includes both new and old cases. For HIV, Incidence and Prevalence cannot be directly measured and must be estimated using statistical methods. The HIV surveillance system is able to provide the actual number of diagnoses and deaths that are reported in the population.

For this epidemiological profile, the reports received through a certain time (the end of the year) are used to generate the number of diagnoses during the prior years. This one-year lag allows for delays in reporting and time to complete investigations. For example, the Reported HIV Diagnoses for 2013 are the total of the reported HIV cases with or without an AIDS diagnosis, diagnosed with HIV during 1/1/2013-12/31/2014, as reported by name through 12/31/2014.

To calculate the number of Living Cases we count up all of the Reported Diagnoses from the beginning of the epidemic (all the new cases each year) and subtract all of the Reported Deaths. For example, the Total Living HIV Cases on 12/31/2014 are the total of the reported HIV Cases with or without an AIDS diagnosis and not reported to have died as of 12/31/2014 as reported by name through 12/31/2014.

### **Laboratory Data**

CD4+ T-lymphocyte tests are measures of a person's immune system function. An HIV infected adult is considered to have AIDS if they have less than 200 CD4 cells per microliter of blood. Viral load (VL) tests are measures of the amount of HIV in a person's body. The goal of HIV treatment is to have a very low number of copies of virus per milliliter of blood, below what the test can measure, which is called an undetectable level. Treatment recommendations are that a person in HIV medical care should have their CD4 and VL levels measured at least 2-3 times per year. We use the presence of these lab tests as an indicator that someone has been "linked to care" after diagnosis or is "in care."



### **Sources of Data**

Information on HIV and AIDS diagnoses, including residence at diagnosis, age, race/ethnicity, sex at birth, country of birth, vital status, HIV exposure category, and CD4 and HIV viral load test results are from the Maryland Department of Health and Mental Hygiene's Enhanced HIV/AIDS Reporting System (eHARS), December 31, 2014.

Population data by sex, age, and race are from the July 1, 2013 U.S. Census Estimates and by country-of-birth from the 2013 American Community Survey (note the difference in total population due to different source). Due to estimation limitations, some population totals may not equal the sum of its components. When needed, age groups were divided by assuming uniform age distribution within the age group. Non-Hispanic multiple race and Non-Hispanic some other race from the Census were combined into one group.

### **Tabulation of Column Totals**

Figures in tables and generally in the text have been rounded. Discrepancies in tables between totals and sums of components are due to rounding.

### **Data Suppression**

In order to protect the confidentiality of reported HIV cases, data are suppressed in the following instances:

- Data describing a demographic group or geographic area (e.g. ZIP code) with a population less than 1,000 people.
- All clinical/laboratory information if it is describing less than 5 cases.
- All exposure/risk information if it is describing less than 5 cases, except in the case of "other" exposure.
- If any cell is suppressed, additional cells are also suppressed as necessary to prevent back calculation of the suppressed cell(s).

### **HIV Exposure Categories**

The Centers for Disease Control and Prevention (CDC) developed a hierarchy of exposure categories for surveillance purposes. Persons with more than one reported risk factor are classified in the exposure category listed first in the hierarchy and therefore counted only once. Men who have sex with men and report injection drug use constitutes a separate transmission category.

**Men who have Sex with Men (MSM):** Men who report a history of sexual contact with other men (homosexual contact) including men who report sexual contact with both men and women (bisexual contact).

**Injection Drug Use (IDU):** Men or women who report receiving an injection—either self-administered or given by another person—of a drug that was not prescribed by a physician.

**MSM/IDU:** Men who report a history of sexual contact with other men who also have engaged in injection drug use.

**Heterosexual Exposure (HET):** Men or women who report a history of sexual contact with a person of the opposite sex who is known to have an HIV infection or at high risk for an HIV infection. High risk groups include bisexual men, IDUs and recipients of blood, blood components, transplants of organ or tissue and artificial insemination.

**Perinatal Exposure:** Any baby born to an HIV positive mother.

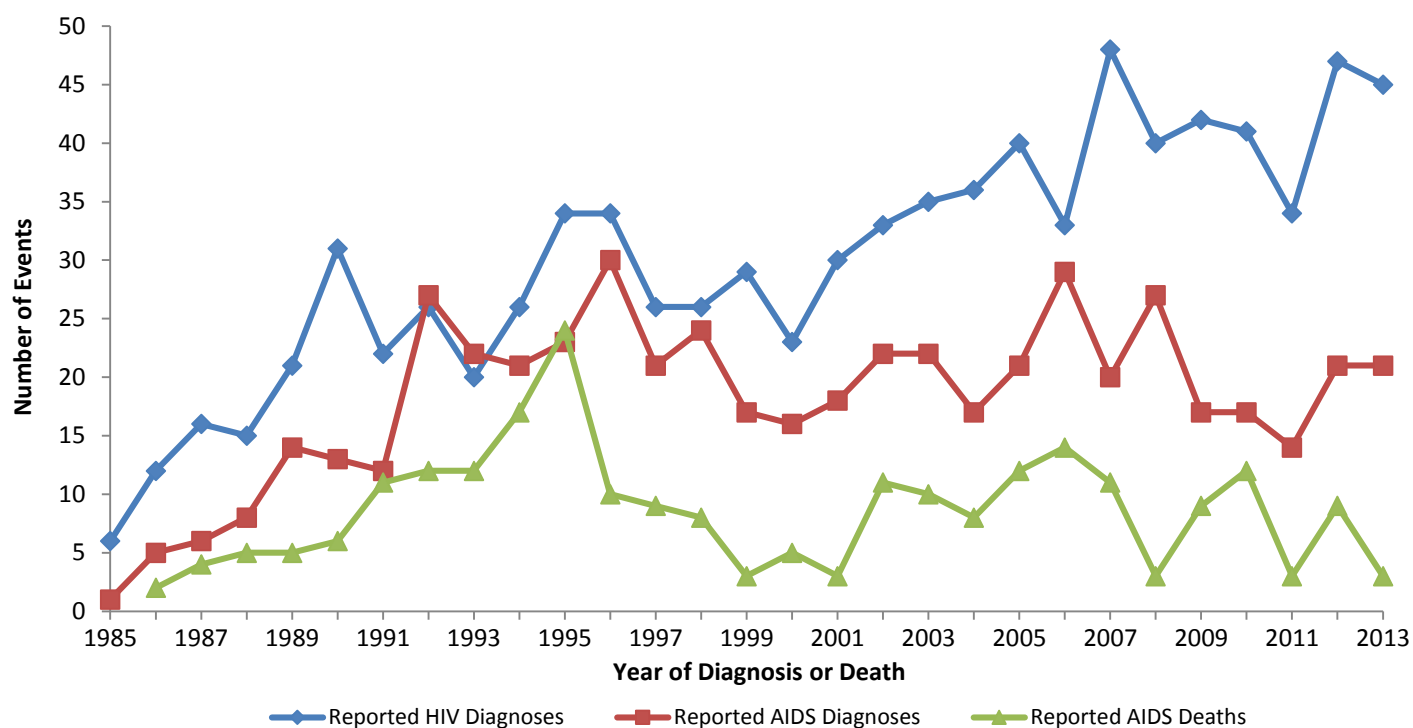


## Section II – Trends 1985-2013

**Figure 1 – Trends in Reported HIV and AIDS Diagnoses and Deaths, 1985-2013, Reported through 12/31/2014**

Reported HIV Cases with or without an AIDS Diagnosis (Reported HIV Diagnoses) by Year of HIV Diagnosis, Reported HIV Cases with an AIDS Diagnosis (Reported AIDS Diagnosis) by Year of AIDS Diagnosis, and Reported HIV Cases with an AIDS Diagnosis Reported to have Died of Any Cause (Reported AIDS Deaths) by Year of Death, from 1985 through 2013 as Reported through 12/31/2014

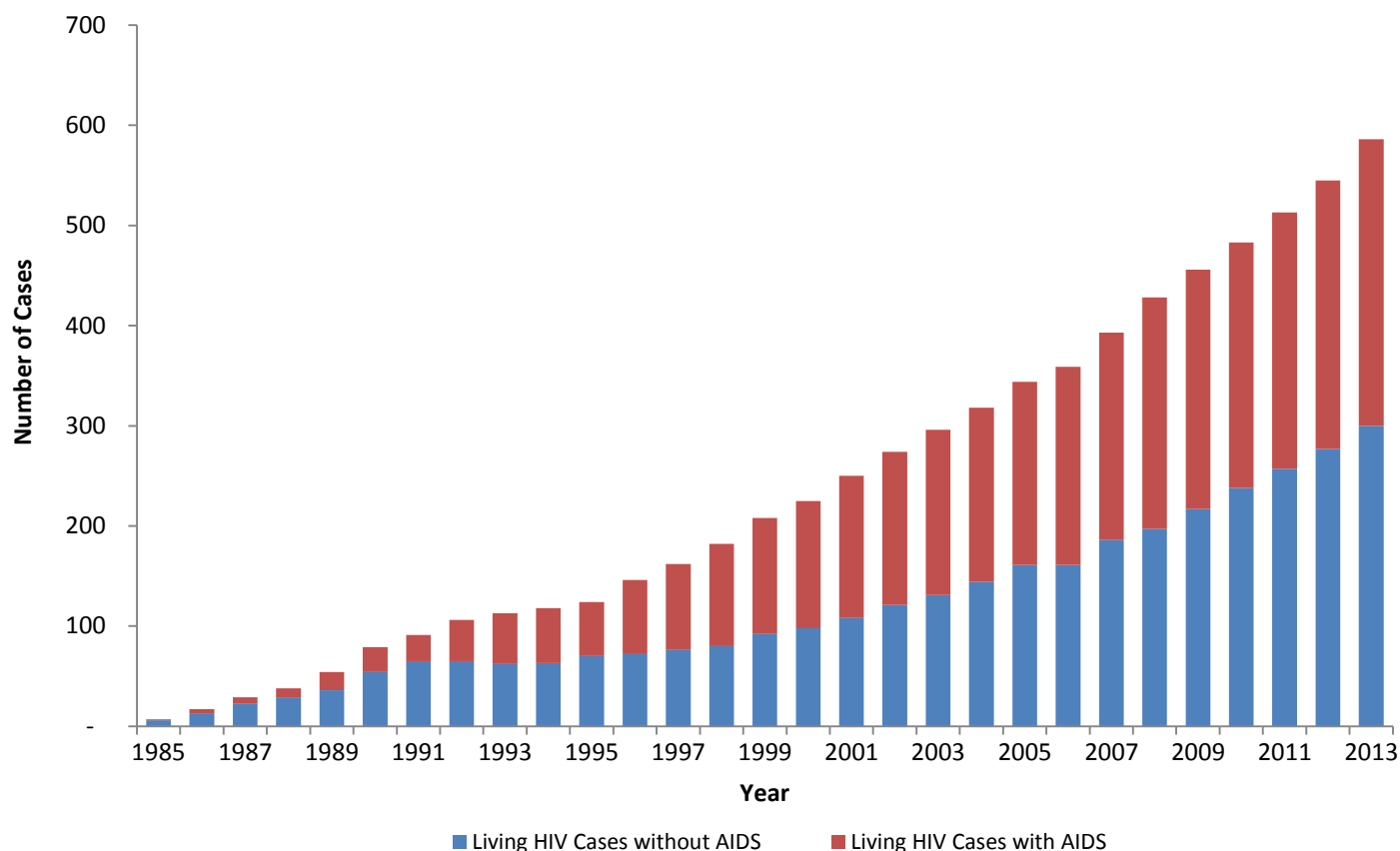
During the 2007-2008 transition to name-based reporting, many HIV cases were reported by a recent HIV diagnosis and not by their earliest HIV diagnosis, resulting in an artificial upward trend in HIV diagnoses during the period 2001-2008



YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths	YEAR OF DIAGNOSIS OR DEATH	Reported HIV Diagnoses	Reported AIDS Diagnoses	Reported AIDS Deaths
<1985	2	2	1	1999	29	17	3
1985	6	1	0	2000	23	16	5
1986	12	5	2	2001	30	18	3
1987	16	6	4	2002	33	22	11
1988	15	8	5	2003	35	22	10
1989	21	14	5	2004	36	17	8
1990	31	13	6	2005	40	21	12
1991	22	12	11	2006	33	29	14
1992	26	27	12	2007	48	20	11
1993	20	22	12	2008	40	27	3
1994	26	21	17	2009	42	17	9
1995	34	23	24	2010	41	17	12
1996	34	30	10	2011	34	14	3
1997	26	21	9	2012	47	21	9
1998	26	24	8	2013	45	21	3
				<b>TOTAL</b>	<b>873</b>	<b>528</b>	<b>242</b>

**Figure 2 – Trends in Living HIV Cases, 1985-2013, Reported through 12/31/2014**

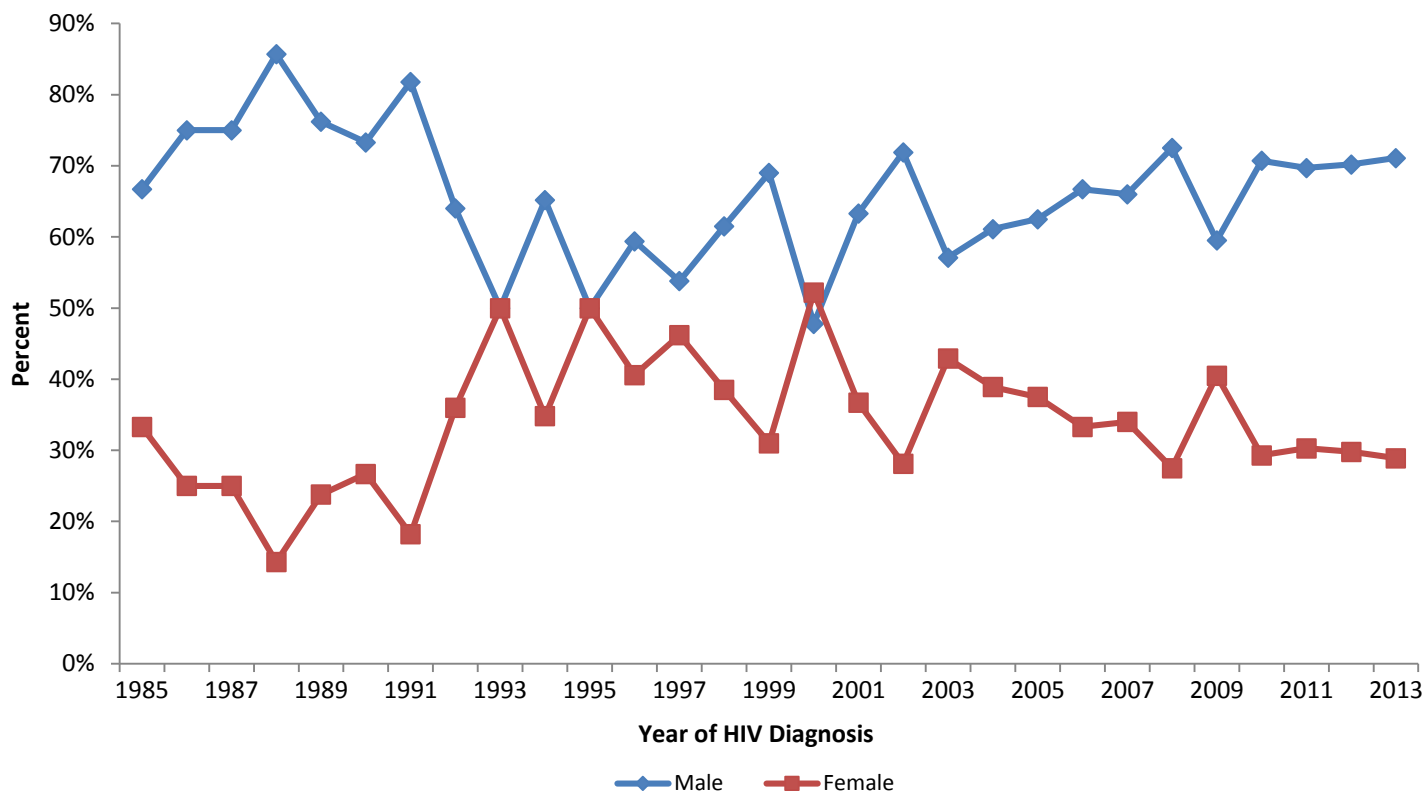
Reported HIV Cases with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Living HIV Cases without AIDS, Living HIV Cases with AIDS, and Total Living HIV Cases) from 1985 through 2013, as Reported through 12/31/2014



YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases	YEAR	Living HIV Cases without AIDS	Living HIV Cases with AIDS	Total Living HIV Cases
1985	6	1	7	1999	92	116	208
1986	13	4	17	2000	98	127	225
1987	23	6	29	2001	108	142	250
1988	29	9	38	2002	121	153	274
1989	36	18	54	2003	131	165	296
1990	54	25	79	2004	144	174	318
1991	65	26	91	2005	161	183	344
1992	65	41	106	2006	161	198	359
1993	62	51	113	2007	186	207	393
1994	63	55	118	2008	197	231	428
1995	70	54	124	2009	217	239	456
1996	72	74	146	2010	238	245	483
1997	76	86	162	2011	257	256	513
1998	80	102	182	2012	277	268	545
				2013	300	286	586

**Figure 3 – Trends in Adult/Adolescent Reported HIV Diagnoses by Sex at Birth, 1985-2013, Reported through 12/31/2014**

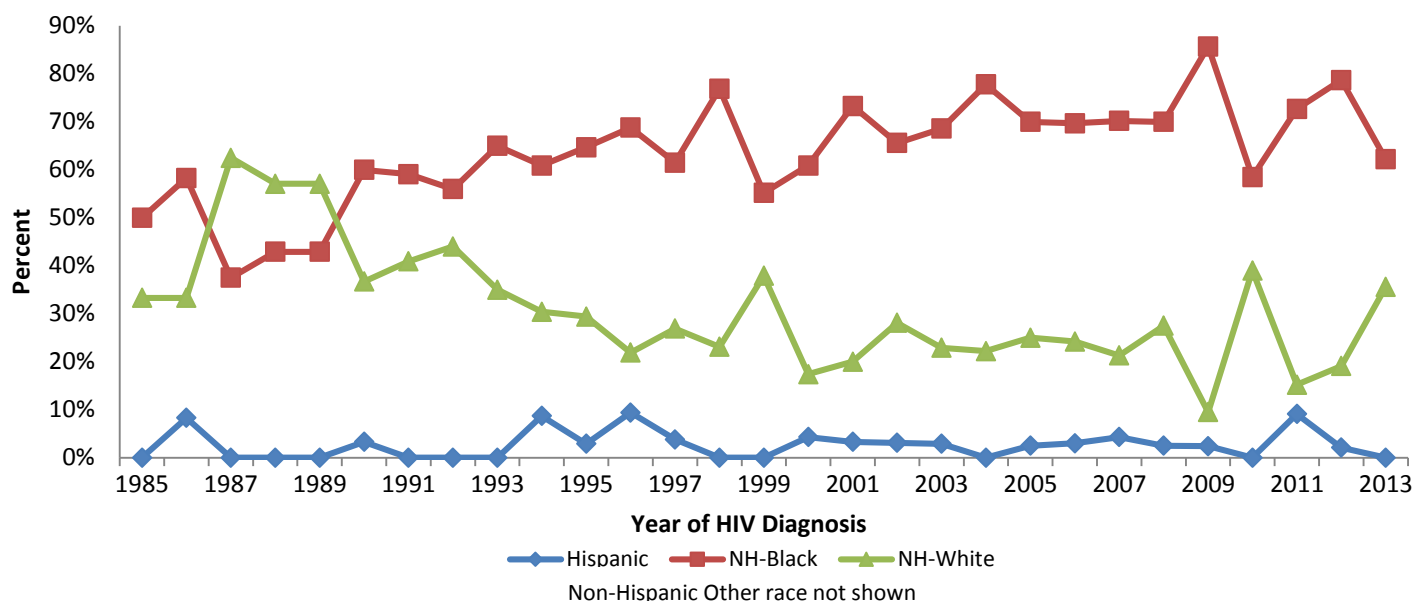
Percent by Sex at Birth of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses			YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses		
	No.	% Male	% Female		No.	% Male	% Female
<1985	2	100.0%	0.0%	1999	29	69.0%	31.0%
1985	6	66.7%	33.3%	2000	23	47.8%	52.2%
1986	12	75.0%	25.0%	2001	30	63.3%	36.7%
1987	16	75.0%	25.0%	2002	32	71.9%	28.1%
1988	14	85.7%	14.3%	2003	35	57.1%	42.9%
1989	21	76.2%	23.8%	2004	36	61.1%	38.9%
1990	30	73.3%	26.7%	2005	40	62.5%	37.5%
1991	22	81.8%	18.2%	2006	33	66.7%	33.3%
1992	25	64.0%	36.0%	2007	47	66.0%	34.0%
1993	20	50.0%	50.0%	2008	40	72.5%	27.5%
1994	23	65.2%	34.8%	2009	42	59.5%	40.5%
1995	34	50.0%	50.0%	2010	41	70.7%	29.3%
1996	32	59.4%	40.6%	2011	33	69.7%	30.3%
1997	26	53.8%	46.2%	2012	47	70.2%	29.8%
1998	26	61.5%	38.5%	2013	45	71.1%	28.9%
				TOTAL	862	65.7%	34.3%

**Figure 4 – Trends in Adult/Adolescent Reported HIV Diagnoses by Race/Ethnicity, 1985-2013, Reported through 12/31/2014**

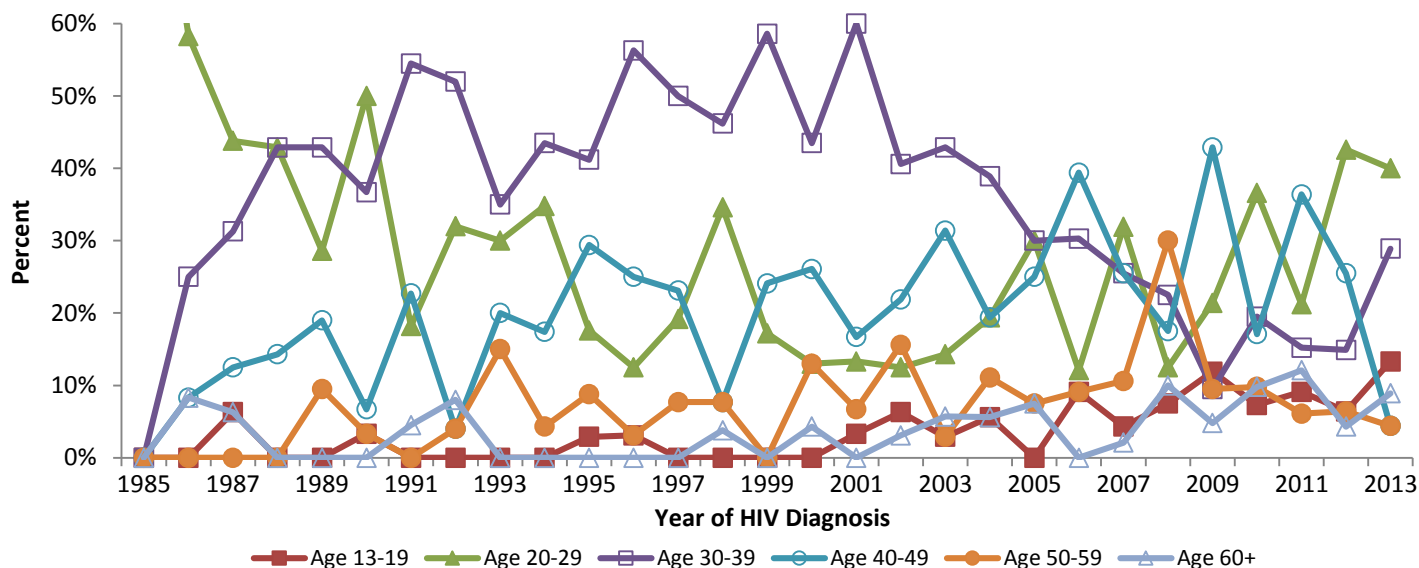
Percent by Race/Ethnicity of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses				
	No.	% Hispanic	% Non-Hispanic Black, only	% Non-Hispanic White, only	% Non-Hispanic Other Race
<1985	2	0.0%	50.0%	50.0%	0.0%
1985	6	0.0%	50.0%	33.3%	16.7%
1986	12	8.3%	58.3%	33.3%	0.0%
1987	16	0.0%	37.5%	62.5%	0.0%
1988	14	0.0%	42.9%	57.1%	0.0%
1989	21	0.0%	42.9%	57.1%	0.0%
1990	30	3.3%	60.0%	36.7%	0.0%
1991	22	0.0%	59.1%	40.9%	0.0%
1992	25	0.0%	56.0%	44.0%	0.0%
1993	20	0.0%	65.0%	35.0%	0.0%
1994	23	8.7%	60.9%	30.4%	0.0%
1995	34	2.9%	64.7%	29.4%	2.9%
1996	32	9.4%	68.8%	21.9%	0.0%
1997	26	3.8%	61.5%	26.9%	7.7%
1998	26	0.0%	76.9%	23.1%	0.0%
1999	29	0.0%	55.2%	37.9%	6.9%
2000	23	4.3%	60.9%	17.4%	17.4%
2001	30	3.3%	73.3%	20.0%	3.3%
2002	32	3.1%	65.6%	28.1%	3.1%
2003	35	2.9%	68.6%	22.9%	5.7%
2004	36	0.0%	77.8%	22.2%	0.0%
2005	40	2.5%	70.0%	25.0%	2.5%
2006	33	3.0%	69.7%	24.2%	3.0%
2007	47	4.3%	70.2%	21.3%	4.3%
2008	40	2.5%	70.0%	27.5%	0.0%
2009	42	2.4%	85.7%	9.5%	2.4%
2010	41	0.0%	58.5%	39.0%	2.4%
2011	33	9.1%	72.7%	15.2%	3.0%
2012	47	2.1%	78.7%	19.1%	0.0%
2013	45	0.0%	62.2%	35.6%	2.2%
TOTAL	862	2.7%	66.1%	28.7%	2.6%

**Figure 5 – Trends in Adult/Adolescent Reported HIV Diagnoses by Age at Diagnosis, 1985-2013, Reported through 12/31/2014**

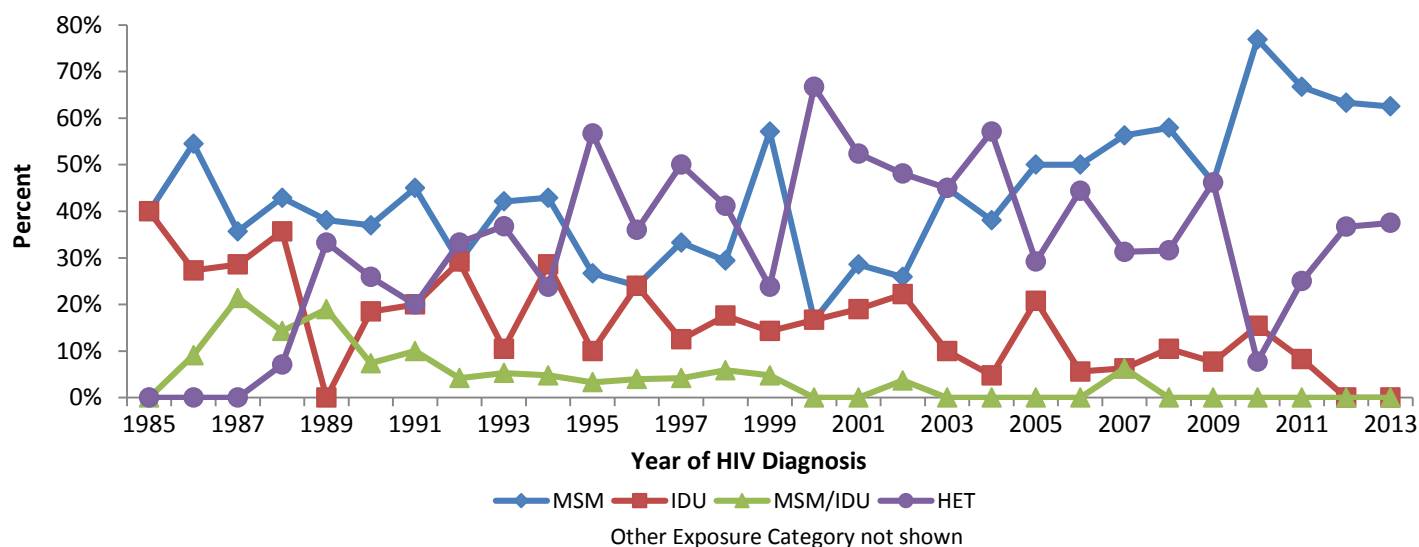
Percent by Age at HIV Diagnosis of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Reported Adult/Adolescent HIV Diagnoses						
	No.	% Age 13-19	% Age 20-29	% Age 30-39	% Age 40-49	% Age 50-59	% Age 60+
<1985	2	50.0%	0.0%	0.0%	50.0%	0.0%	0.0%
1985	6	0.0%	100.0%	0.0%	0.0%	0.0%	0.0%
1986	12	0.0%	58.3%	25.0%	8.3%	0.0%	8.3%
1987	16	6.3%	43.8%	31.3%	12.5%	0.0%	6.3%
1988	14	0.0%	42.9%	42.9%	14.3%	0.0%	0.0%
1989	21	0.0%	28.6%	42.9%	19.0%	9.5%	0.0%
1990	30	0.0%	50.0%	36.7%	6.7%	3.3%	0.0%
1991	22	0.0%	18.2%	54.5%	22.7%	0.0%	4.5%
1992	25	0.0%	32.0%	52.0%	4.0%	4.0%	8.0%
1993	20	0.0%	30.0%	35.0%	20.0%	15.0%	0.0%
1994	23	0.0%	34.8%	43.5%	17.4%	4.3%	0.0%
1995	34	2.9%	17.6%	41.2%	29.4%	8.8%	0.0%
1996	32	3.1%	12.5%	56.3%	25.0%	3.1%	0.0%
1997	26	0.0%	19.2%	50.0%	23.1%	7.7%	0.0%
1998	26	0.0%	34.6%	46.2%	7.7%	7.7%	3.8%
1999	29	0.0%	17.2%	58.6%	24.1%	0.0%	0.0%
2000	23	0.0%	13.0%	43.5%	26.1%	13.0%	4.3%
2001	30	3.3%	13.3%	60.0%	16.7%	6.7%	0.0%
2002	32	6.3%	12.5%	40.6%	21.9%	15.6%	3.1%
2003	35	2.9%	14.3%	42.9%	31.4%	2.9%	5.7%
2004	36	5.6%	19.4%	38.9%	19.4%	11.1%	5.6%
2005	40	0.0%	30.0%	30.0%	25.0%	7.5%	7.5%
2006	33	9.1%	12.1%	30.3%	39.4%	9.1%	0.0%
2007	47	4.3%	31.9%	25.5%	25.5%	10.6%	2.1%
2008	40	7.5%	12.5%	22.5%	17.5%	30.0%	10.0%
2009	42	11.9%	21.4%	9.5%	42.9%	9.5%	4.8%
2010	41	7.3%	36.6%	19.5%	17.1%	9.8%	9.8%
2011	33	9.1%	21.2%	15.2%	36.4%	6.1%	12.1%
2012	47	6.4%	42.6%	14.9%	25.5%	6.4%	4.3%
2013	45	13.3%	40.0%	28.9%	4.4%	4.4%	8.9%
<b>TOTAL</b>	<b>862</b>	<b>4.5%</b>	<b>26.7%</b>	<b>34.8%</b>	<b>21.8%</b>	<b>8.0%</b>	<b>4.2%</b>

**Figure 6 – Trends in Adult/Adolescent Reported HIV Diagnoses by Exposure Category, 1985-2013, Reported through 12/31/2014**

Percent by Exposure Category of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis (Adult/Adolescent Reported HIV Diagnoses) and with Reported Exposure Category by Year of HIV Diagnosis from 1985 through 2013, as Reported through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses						
	No.	With Exposure Category					
		No.	% MSM	% IDU	% MSM/IDU	% HET	% Other Exposure
<1985	2	2	100.0%	0.0%	0.0%	0.0%	0.0%
1985	6	5	40.0%	40.0%	0.0%	0.0%	20.0%
1986	12	11	54.5%	27.3%	9.1%	0.0%	9.1%
1987	16	14	35.7%	28.6%	21.4%	0.0%	14.3%
1988	14	14	42.9%	35.7%	14.3%	7.1%	0.0%
1989	21	21	38.1%	0.0%	19.0%	33.3%	9.5%
1990	30	27	37.0%	18.5%	7.4%	25.9%	11.1%
1991	22	20	45.0%	20.0%	10.0%	20.0%	5.0%
1992	25	24	29.2%	29.2%	4.2%	33.3%	4.2%
1993	20	19	42.1%	10.5%	5.3%	36.8%	5.3%
1994	23	21	42.9%	28.6%	4.8%	23.8%	0.0%
1995	34	30	26.7%	10.0%	3.3%	56.7%	3.3%
1996	32	25	24.0%	24.0%	4.0%	36.0%	12.0%
1997	26	24	33.3%	12.5%	4.2%	50.0%	0.0%
1998	26	17	29.4%	17.6%	5.9%	41.2%	5.9%
1999	29	21	57.1%	14.3%	4.8%	23.8%	0.0%
2000	23	18	16.7%	16.7%	0.0%	66.7%	0.0%
2001	30	21	28.6%	19.0%	0.0%	52.4%	0.0%
2002	32	27	25.9%	22.2%	3.7%	48.1%	0.0%
2003	35	20	45.0%	10.0%	0.0%	45.0%	0.0%
2004	36	21	38.1%	4.8%	0.0%	57.1%	0.0%
2005	40	24	50.0%	20.8%	0.0%	29.2%	0.0%
2006	33	18	50.0%	5.6%	0.0%	44.4%	0.0%
2007	47	16	56.3%	6.3%	6.3%	31.3%	0.0%
2008	40	19	57.9%	10.5%	0.0%	31.6%	0.0%
2009	42	13	46.2%	7.7%	0.0%	46.2%	0.0%
2010	41	13	76.9%	15.4%	0.0%	7.7%	0.0%
2011	33	12	66.7%	8.3%	0.0%	25.0%	0.0%
2012	47	30	63.3%	0.0%	0.0%	36.7%	0.0%
2013	45	24	62.5%	0.0%	0.0%	37.5%	0.0%
TOTAL	862	571	42.6%	14.9%	4.2%	35.4%	3.0%

## Section III – Adult/Adolescent Cases by Jurisdiction

**Table 1 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT HIV DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late HIV Diagnosis	% Late HIV Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
Calvert	75,485	2	4.4%	2.6	***	***	***	***	***	***	***
Charles	126,399	33	73.3%	26.1	26	78.8%	10	30.3%	25	75.8%	501
Saint Mary's	89,811	10	22.2%	11.1	***	***	***	***	***	***	***
TOTAL	291,695	45	100.0%	15.4	34	75.6%	14	31.1%	32	71.1%	510

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Jurisdiction of Residence at HIV Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV Diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Number and percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.



**Table 2 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT AIDS DIAGNOSIS	Population Age 13+	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Calvert	75,485	2	9.5%	2.6	***	***
Charles	126,399	14	66.7%	11.1	3.8	64.3%
Saint Mary's	89,811	5	23.8%	5.6	3.7	40.0%
TOTAL	291,695	21	100.0%	7.2	3.5	57.1%

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Jurisdiction of Residence at AIDS Diagnosis:** Jurisdiction of residence at time of initial AIDS diagnosis.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Table 3 – Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Population Age 13+	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	% of Total	Rate	No.	% of Total	Rate	No.	% of Total	Rate	Ratio (1 in X)
Calvert	75,485	49	16.4%	64.9	55	19.5%	72.9	104	17.9%	137.8	725
Charles	126,399	190	63.8%	150.3	163	57.8%	129.0	353	60.9%	279.3	358
Saint Mary's	89,811	59	19.8%	65.7	64	22.7%	71.3	123	21.2%	137.0	730
TOTAL	291,695	298	100.0%	102.2	282	100.0%	96.7	580	100.0%	198.8	502

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2013.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 4 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Calvert	104	65	62.5%	536	9.2%	13.8%	16.9%	60.0%
Charles	353	207	58.6%	587	11.1%	10.1%	13.5%	65.2%
Saint Mary's	123	81	65.9%	542	11.1%	16.0%	17.3%	55.6%
TOTAL	580	353	60.9%	564	10.8%	12.2%	15.0%	62.0%

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Table 5 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Calvert	104	66	63.5%	78.8%	20,787
Charles	353	209	59.2%	76.1%	8,647
Saint Mary's	123	77	62.6%	72.7%	1,710
TOTAL	580	352	60.7%	75.9%	10,000

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

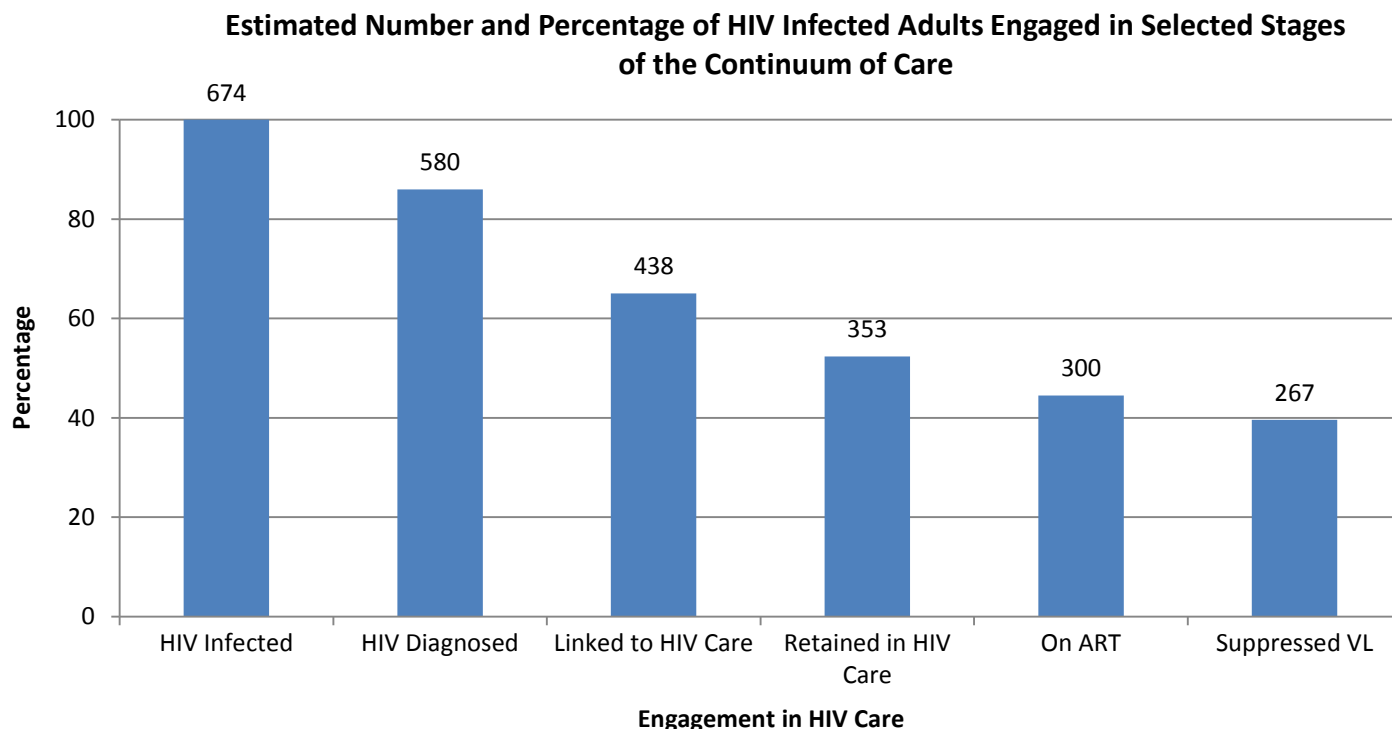
**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

## Figure 7 – Estimated Adult/Adolescent 2013 HIV Continuum of Care, Reported through 12/31/2014

In their 2011 article in *Clinical Infectious Diseases*, Gardner et al. utilize a continuum of care “cascade” to illustrate national estimates of the number of persons living with HIV who belong to each of the stages of engagement in HIV care. The Maryland Engagement in HIV Care Cascade (below) uses the national estimate of the number of undiagnosed persons (14%) to generate an estimated total number of HIV infected persons in Maryland, and then uses local data to describe the number and percentage of persons living with HIV in Maryland who belong to each of the stages of engagement in HIV care.



Continuum of Care Stage	Number	Percentage
HIV Infected	674	100.0%
HIV Diagnosed	580	86.0%
Linked to HIV Care	438	65.0%
Retained in HIV Care	353	52.3%
On ART	300	44.5%
Suppressed VL	267	39.6%

**HIV Infected:** HIV Diagnosed divided by one minus the national estimate of undiagnosed HIV infections (14%).

**HIV Diagnosed:** Adult/adolescent total living HIV cases as of December 31<sup>st</sup> of the specified year.

**Linked to HIV Care:** HIV Diagnosed multiplied by the percent of adult/adolescent reported HIV diagnoses during the specified year with a reported CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Retained in HIV Care:** HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**On ART:** Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

**Suppressed Viral Load:** HIV Diagnosed with the most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

## Section IV – Cases by Age

**Table 6 – HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Age at HIV Diagnosis, Reported through 12/31/2014**

AGE AT HIV DIAGNOSIS	Population	Reported HIV Diagnoses									
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. Late Diagnosis	% Late Diagnosis	First CD4 Test Result		
									No. with Test	% with Test	Median Count
<5 (Pediatric)	21,604	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
5-12 (Pediatric)	39,682	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
13-19	36,655	6	13.3%	16.4	***	***	***	***	***	***	***
20-29	45,188	18	40.0%	39.8	13	72.2%	***	***	12	66.7%	578
30-39	42,300	13	28.9%	30.7	10	76.9%	***	***	10	76.9%	522
40-49	55,445	2	4.4%	3.6	***	***	***	***	***	***	***
50-59	53,590	2	4.4%	3.7	***	***	***	***	***	***	***
60+	58,517	4	8.9%	6.8	***	***	***	***	***	***	***
TOTAL	352,981	45	100.0%	12.7	34	75.6%	14	31.1%	32	71.1%	510

\*\*\* Data withheld due to low population counts and/or case counts

**Table 7 – AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Age at AIDS Diagnosis, Reported through 12/31/2014**

AGE AT AIDS DIAGNOSIS	Population	Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
<5 (Pediatric)	21,604	0	0.0%	0.0	--	0.0%
5-12 (Pediatric)	39,682	0	0.0%	0.0	--	0.0%
13-19	36,655	1	4.8%	2.7	***	***
20-29	45,188	6	28.6%	13.3	2.0	66.7%
30-39	42,300	3	14.3%	7.1	***	***
40-49	55,445	6	28.6%	10.8	4.4	66.7%
50-59	53,590	3	14.3%	5.6	***	***
60+	58,517	2	9.5%	3.4	***	***
TOTAL	352,981	21	100.0%	5.9	3.5	57.1%

\*\*\* Data withheld due to low population counts and/or case counts

**Reported HIV Diagnoses:** Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

**Age at HIV Diagnosis:** Age group at time of initial HIV diagnosis.

**Population:** Population estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV Diagnoses (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Age at AIDS Diagnosis:** Age group at time of initial AIDS diagnosis.

**Reported AIDS Diagnoses:** Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Table 8 – HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014**

AGE ON 12/31/2013	Population	Living HIV Cases without AIDS			Living HIV Cases with AIDS			Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
<5 (Pediatric)	21,604	0	0.0%	0.0	1	0.3%	4.6	1	0.2%	4.6	21,604
5-12 (Pediatric)	39,682	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
13-19	36,655	7	2.3%	19.1	4	1.4%	10.9	11	1.9%	30.0	3,332
20-29	45,188	71	23.7%	157.1	22	7.7%	48.7	93	15.9%	205.8	485
30-39	42,300	65	21.7%	153.7	30	10.5%	70.9	95	16.2%	224.6	445
40-49	55,445	79	26.3%	142.5	106	37.1%	191.2	185	31.6%	333.7	299
50-59	53,590	53	17.7%	98.9	91	31.8%	169.8	144	24.6%	268.7	372
60+	58,517	25	8.3%	42.7	32	11.2%	54.7	57	9.7%	97.4	1,026
TOTAL	352,981	300	100.0%	85.0	286	100.0%	81.0	586	100.0%	166.0	602

**Age on [date]:** Age group of living cases on the specified date.

**Population:** Population estimate for 7/1/2013.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 9 – CD4 Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014**

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
13-19	9	***	***	***	***	***	***	***
20-29	90	56	62.2%	591	7.1%	8.9%	12.5%	71.4%
30-39	95	55	57.9%	564	9.1%	16.4%	12.7%	61.8%
40-49	185	111	60.0%	564	12.6%	9.9%	15.3%	62.2%
50-59	144	91	63.2%	554	13.2%	9.9%	18.7%	58.2%
60+	57	***	***	***	***	***	***	***
TOTAL	580	353	60.9%	564	10.8%	12.2%	15.0%	62.0%

\*\*\* Data withheld due to low population counts and/or case counts

**Table 10 – Viral Load Test Results for Adult/Adolescent HIV Cases Alive on 12/31/2013, by Age on 12/31/2013, Reported through 12/31/2014**

AGE ON 12/31/2013	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
13-19	9	***	***	***	***
20-29	90	59	65.6%	66.1%	22,037
30-39	95	54	56.8%	74.1%	25,751
40-49	185	108	58.4%	79.6%	20,780
50-59	144	91	63.2%	71.4%	1,871
60+	57	***	***	***	***
TOTAL	580	352	60.7%	75.9%	10,000

\*\*\* Data withheld due to low population counts and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Age on [date]:** Age group of living cases on the specified date.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.



## Section V – Adult/Adolescent Cases by Demographics

**Table 11 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014**

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Male	141,873	32	71.1%	22.6	24	75.0%	9	28.1%	22	68.8%	522
Female	149,822	13	28.9%	8.7	10	76.9%	5	38.5%	10	76.9%	348
TOTAL	291,695	45	100.0%	15.4	34	75.6%	14	31.1%	32	71.1%	510

RACE/ ETHNICITY	Population Age 13+*	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
Hispanic	11,453	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Non-Hispanic	280,242	45	100.0%	16.1	34	75.6%	14	31.1%	32	71.1%	510
American Indian/Alaska Native, only	1,343	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Asian, only	7,716	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
Black, only	74,462	28	62.2%	37.6	22	78.6%	10	35.7%	20	71.4%	477
Native Hawaiian/ Other Pacific Islander, only	226	0	0.0%	0.0	0	0.0%	0	0.0%	0	0.0%	--
White, only	190,326	16	35.6%	8.4	***	***	***	***	***	***	***
Multiracial/ Other	6,168	1	2.2%	16.2	***	***	***	***	***	***	***
TOTAL	291,695	45	100.0%	15.4	34	75.6%	14	31.1%	32	71.1%	510

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported HIV Diagnoses							First CD4 Test Result		
		No.	% of Total	Rate	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	No. with Test	% with Test	Median Count
United States	267,449	41	91.1%	15.3	32	78.0%	12	29.3%	30	73.2%	522
Foreign-born	15,362	1	2.2%	6.5	0	0.0%	0	0.0%	0	0.0%	--
Africa	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Asia	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Caribbean	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Central America	--	0	0.0%	--	0	0.0%	0	0.0%	0	0.0%	--
Other	--	1	2.2%	--	0	0.0%	0	0.0%	0	0.0%	--
Unknown	--	3	67.0%	--	2	66.7%	2	66.7%	2	66.7%	226
TOTAL	282,811	45	100.0%	15.9	34	75.6%	14	31.1%	32	71.1%	510

\* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

\*\* Population data by country of birth are from the 2013 American Community Survey

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV Diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Table 12 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Sex at Birth, Race/Ethnicity and Country of Birth, Reported through 12/31/2014**

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Male	141,873	14	66.7%	9.9	3.3	57.1%
Female	149,822	7	33.3%	4.7	3.8	57.1%
TOTAL	291,695	21	100.0%	7.2	3.5	57.1%

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
Hispanic	11,453	1	4.8%	8.7	***	***
Non-Hispanic	280,242	20	95.2%	7.1	3.5	60.0%
American Indian/Alaska Native, only	1,343	0	0.2%	0.0	--	0.0%
Asian, only	7,716	0	0.6%	0.0	--	0.0%
Black, only	74,462	15	71.4%	20.1	3.1	60.0%
Native Hawaiian/Other Pacific Islander, only	226	0	0.0%	0.0	--	0.0%
White, only	190,326	5	23.8%	2.6	4.8	60.0%
Multiracial/Other	6,168	0	5.3%	0.0	--	0.0%
TOTAL	291,695	21	100.0%	7.2	3.5	57.1%

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Reported AIDS Diagnoses				
		No.	% of Total	Rate	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
United States	267,449	18	85.7%	6.7	3.7	55.6%
Foreign-born	15,362	1	4.8%	6.5	***	***
Africa	--	1	4.8%	--	***	***
Asia	--	0	0.0%	--	--	0.0%
Caribbean	--	0	0.0%	--	--	1.0%
Central America	--	0	0.0%	--	--	2.0%
Other	--	0	0.0%	--	--	3.0%
Unknown	--	1	9.5%	--	0.4	100.0%
TOTAL	282,811	21	100.0%	7.4	3.5	57.1%

\* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

\*\* Population data by country of birth are from the 2013 American Community Survey

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Table 13 – Adult/Adolescent Living HIV Cases with and without AIDS by Sex at Birth, Race/Ethnicity, and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014**

SEX AT BIRTH	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Male	141,873	185	62.1%	130.4	182	64.5%	128.3	367	63.3%	258.7	386
Female	149,822	113	37.9%	75.4	100	35.5%	66.7	213	36.7%	142.2	703
TOTAL	291,695	298	100.0%	102.2	282	100.0%	96.7	580	100.0%	198.8	502

RACE/ETHNICITY	Population Age 13+*	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
Hispanic	11,453	11	3.7%	96.0	10	3.5%	87.3	21	3.6%	183.4	545
Non-Hispanic	280,242	287	96.3%	102.4	272	96.5%	97.1	559	96.4%	199.5	501
American Indian/Alaska Native, only	1,343	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
Asian, only	7,716	1	0.3%	13.0	1	0.4%	13.0	2	0.4%	25.9	3,858
Black, only	74,462	199	66.7%	267.3	190	67.5%	255.2	389	67.1%	522.4	191
Native Hawaiian/ Other Pacific Islander, only	226	0	0.0%	0.0	0	0.0%	0.0	0	0.0%	0.0	--
White, only	190,326	84	28.2%	44.1	71	25.2%	37.3	155	26.7%	81.4	1,227
Multiracial/ Other	6,168	3	1.0%	48.6	10	3.6%	162.1	13	2.2%	210.8	474
TOTAL	291,695	298	100.0%	102.2	282	100.0%	96.7	580	100.0%	198.8	502

COUNTRY OF BIRTH	Population Age 13+**	Adult/Adolescent Living HIV Cases without AIDS			Adult/Adolescent Living HIV Cases with AIDS			Adult/Adolescent Total Living HIV Cases			
		No.	%	Rate	No.	%	Rate	No.	%	Rate	Ratio (1 in X)
United States	267,449	268	89.9%	100.2	266	94.3%	99.5	534	92.1%	199.7	500
Foreign-born	15,362	10	3.4%	65.1	10	3.5%	65.1	20	3.4%	130.2	768
Africa	--	2	0.7%	--	4	1.4%	--	6	1.0%	--	--
Asia	--	1	0.3%	--	0	0.0%	--	1	0.2%	--	--
Caribbean	--	0	0.0%	--	1	0.4%	--	1	0.2%	--	--
Central America	--	3	1.0%	--	4	1.4%	--	7	1.2%	--	--
Other	--	4	1.4%	--	1	0.4%	--	5	0.9%	--	--
Unknown	--	20	6.7%	--	6	2.1%	--	26	4.5%	--	--
TOTAL	282,811	298	100.0%	105.4	282	100.0%	99.7	580	100.0%	205.1	487

\* Population data by sex at birth, age, and race/ethnicity are from the 2013 U.S. Census population estimates

\*\* Population data by country of birth are from the 2013 American Community Survey

**Population Age 13+:** Population greater than or equal to 13 years old, estimate for 7/1/2013.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 14 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014**

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Male	367	214	58.3%	560	13.1%	10.7%	15.4%	60.7%
Female	213	139	65.3%	582	7.2%	14.4%	14.4%	64.0%
TOTAL	580	353	60.9%	564	10.8%	12.2%	15.0%	62.0%

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
Hispanic	21	9	42.9%	622	0.0%	22.2%	11.1%	66.7%
Non-Hispanic	559	344	61.5%	563	11.0%	11.9%	15.1%	61.9%
American Indian/Alaska Native, only	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Asian, only	2	***	***	***	***	***	***	***
Black, only	389	239	61.4%	567	10.5%	8.4%	16.3%	64.9%
Native Hawaiian/Other Pacific Islander, only	0	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
White, only	155	92	59.4%	539	13.0%	19.6%	10.9%	56.5%
Multiracial/Other	13	***	***	***	***	***	***	***
TOTAL	580	353	60.9%	564	10.8%	12.2%	15.0%	62.0%

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Result						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
United States	534	334	62.5%	565	10.5%	11.4%	15.6%	62.6%
Foreign-born	20	7	35.0%	344	28.6%	28.6%	0.0%	42.9%
Africa	6	***	***	***	***	***	***	***
Asia	1	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Caribbean	1	0	0.0%	--	0.0%	0.0%	0.0%	0.0%
Central America	7	***	***	***	***	***	***	***
Other	5	***	***	***	***	***	***	***
Unknown	26	12	46.2%	528	8.3%	25.0%	8.3%	58.3%
TOTAL	580	353	60.9%	564	10.8%	12.2%	15.0%	62.0%

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Table 15 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results, by Sex at Birth, Race/Ethnicity and Country of Birth, Alive on 12/31/2013 and Reported through 12/31/2014**

SEX AT BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Male	367	213	58.0%	75.1%	10,900
Female	213	139	65.3%	77.0%	9,952
TOTAL	580	352	60.7%	75.9%	10,000

RACE/ETHNICITY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
Hispanic	21	10	47.6%	80.0%	719
Non-Hispanic	559	342	61.2%	75.7%	10,900
American Indian/Alaska Native, only	0	0	0.0%	0.0%	--
Asian, only	2	***	***	***	***
Black, only	389	239	61.4%	73.2%	12,020
Native Hawaiian/Other Pacific Islander, only	0	0	0.0%	0.0%	--
White, only	155	91	58.7%	80.2%	5,748
Multiracial/Other	13	***	***	***	***
TOTAL	580	352	60.7%	75.9%	10,000

COUNTRY OF BIRTH	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Result			
		No. with Test	% with Test	% Suppressed	Median Unsuppressed
United States	534	330	61.8%	75.8%	9,952
Foreign-born	20	8	40.0%	75.0%	153,876
Africa	6	***	***	***	***
Asia	1	***	***	***	***
Caribbean	1	***	***	***	***
Central America	7	***	***	***	***
Other	5	***	***	***	***
Unknown	26	14	53.8%	78.6%	132,690
TOTAL	580	352	60.7%	75.9%	10,000

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

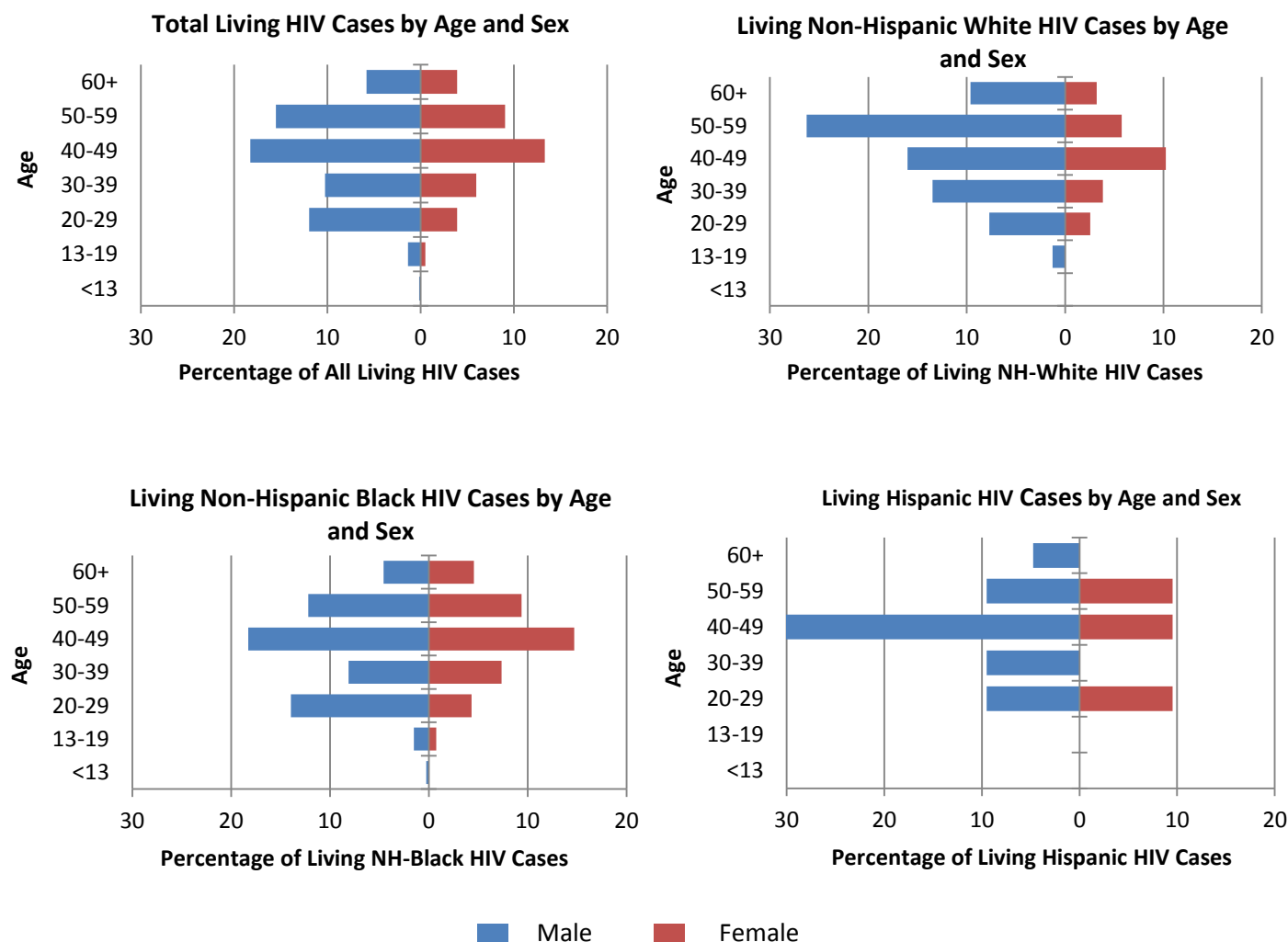
**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

## Section VI – HIV Cases by Expanded Demographics

**Figure 8 – Population Pyramids of Total Living HIV Cases by Current Age, Sex at Birth, and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014**



**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.



**Table 16 – Total Living Male HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014**

MALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL MALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	2,042	8,606	17,571	2,992	31,211
	Cases	0	1	0	0	1
	Rate	0.0	11.6	0.0	0.0	3.2
	Ratio (1 in X)	--	8,606	--	--	31,211
13-19	Population	959	5,520	10,823	1,398	18,700
	Cases	0	6	2	0	8
	Rate	0.0	108.7	18.5	0.0	42.8
	Ratio (1 in X)	--	920	5,411	--	2,337
20-29	Population	1,388	5,879	14,419	1,292	22,978
	Cases	2	55	12	1	70
	Rate	144.1	935.5	83.2	77.4	304.6
	Ratio (1 in X)	694	106	1,201	1,292	328
30-39	Population	1,353	5,000	12,804	1,082	20,239
	Cases	2	32	21	5	60
	Rate	147.8	640.0	164.0	462.1	296.5
	Ratio (1 in X)	676	156	609	216	337
40-49	Population	936	7,566	16,865	1,128	26,495
	Cases	***	72	25	***	107
	Rate	***	951.6	148.2	***	403.8
	Ratio (1 in X)	***	105	674	***	247
50-59	Population	675	5,949	18,809	971	26,404
	Cases	***	48	41	***	91
	Rate	***	806.9	218.0	***	344.6
	Ratio (1 in X)	***	123	458	***	290
60+	Population	407	4,884	20,910	856	27,057
	Cases	***	18	15	***	34
	Rate	***	368.6	71.7	***	125.7
	Ratio (1 in X)	***	271	1,394	***	795
TOTAL MALES BY RACE/ ETHNICITY	Population	7,760	43,404	112,201	9,719	173,084
	Cases	15	232	116	8	371
	Rate	193.3	534.5	103.4	82.3	214.3
	Ratio (1 in X)	517	187	967	1,214	466

\*\*\* Data withheld due to low population and/or case counts

**Age on [date]:** Age group of living cases on the specified date.

**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Population:** Population estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Table 17 – Total Living Female HIV Cases by Current Age and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014**

FEMALES						
AGE ON 12/31/2013		RACE/ETHNICITY				TOTAL FEMALES BY AGE GROUP
		Hispanic	Non-Hispanic Black, only	Non-Hispanic White, only	Non-Hispanic Other Race	
<13 (Pediatric)	Population	2,115	8,374	16,688	2,898	30,075
	Cases	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.0
	Ratio (1 in X)	--	--	--	--	--
13-19	Population	971	5,400	10,129	1,455	17,955
	Cases	0	3	0	0	3
	Rate	0.0	55.6	0.0	0.0	16.7
	Ratio (1 in X)	--	1,800	--	--	5,985
20-29	Population	1,278	5,876	13,626	1,430	22,210
	Cases	2	17	4	0	23
	Rate	156.5	289.3	29.4	0.0	103.6
	Ratio (1 in X)	639	345	3,406	--	965
30-39	Population	1,305	6,330	12,846	1,580	22,061
	Cases	0	29	6	0	35
	Rate	0.0	458.1	46.7	0.0	158.7
	Ratio (1 in X)	--	218	2,141	--	630
40-49	Population	972	8,898	17,434	1,646	28,950
	Cases	***	58	16	***	78
	Rate	***	651.8	91.8	***	269.4
	Ratio (1 in X)	***	153	1,089	***	371
50-59	Population	709	6,610	18,505	1,362	27,186
	Cases	***	37	9	***	53
	Rate	***	559.8	48.6	***	195.0
	Ratio (1 in X)	***	178	2,056	***	512
60+	Population	500	6,550	23,157	1,253	31,460
	Cases	0	18	5	0	23
	Rate	0.0	274.8	21.6	0.0	73.1
	Ratio (1 in X)	--	363	4,631	--	1,367
TOTAL FEMALES BY RACE/ ETHNICITY	Population	7,850	48,038	112,385	11,624	179,897
	Cases	6	162	40	7	215
	Rate	76.4	337.2	35.6	60.2	119.5
	Ratio (1 in X)	1,308	296	2,809	1,660	836

\*\*\* Data withheld due to low population and/or case counts

**Age on [date]:** Age group of living cases on the specified date.

**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Population:** Population estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

## Section VII – HIV Exposure Category

**Table 18 – Adult/Adolescent HIV Diagnoses during 2013, First CD4 Test Result, Percent Linked to Care, and Percent Late Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	24	100.0%	20	83.3%	6	25.0%	75.0%	527
Men who have Sex with Men (MSM)	15	62.5%	11	73.3%	***	***	60.0%	535
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposures	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	21		14	66.7%	8	38.1%	66.7%	386
TOTAL	45		34	75.6%	14	31.1%	71.1%	510

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	20	100.0%	16	80.0%	5	25.0%	70.0%	527
Men who have Sex with Men (MSM)	15	75.0%	11	73.3%	***	***	60.0%	535
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	0	0.0%	0	0.0%	0.0%	--
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposures	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure	12		8	66.7%	4	33.3%	66.7%	513
TOTAL	32		24	75.0%	9	28.1%	68.8%	522

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported HIV Diagnoses							
	No.	% of Total with Exposure	No. Linked to Care	% Linked to Care	No. of Late Diagnosis	% Late Diagnosis	First CD4 Test Result	
							% with Test	Median Count
With Exposure	4	100.0%	***	***	***	***	***	***
Injection Drug Users (IDU)	***	***	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***	***	***	***	***
Other Exposures	0	0.0%	0	0.0%	0	0.0%	0.0%	--
No Reported Exposure*	9		6	66.7%	4	44.4%	66.7%	226
TOTAL	13		10	76.9%	5	38.5%	76.9%	348

\* Includes 2 cases with Presumed Female Heterosexual exposure

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Number of Late HIV Diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Table 19 – Adult/Adolescent AIDS Diagnoses during 2013, Mean Years from HIV Diagnosis and Percent Late HIV Diagnosis, by Exposure Category and Sex at Birth, Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	11	100.0%	4.2	54.5%
Men who have Sex with Men (MSM)	5	45.5%	6.7	40.0%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	0.0%
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	10		2.7	60.0%
TOTAL	21		3.5	57.1%

MALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	9	100.0%	4.5	55.6%
Men who have Sex with Men (MSM)	5	55.6%	6.7	40.0%
Injection Drug Users (IDU)	***	***	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	0	0.0%	--	0.0%
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	5		1.2	60.0%
TOTAL	14		3.3	57.1%

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Reported AIDS Diagnoses			
	No.	% of Total with Exposure	Mean Years from HIV Diagnosis	% Late HIV Diagnosis
With Exposure	2	100.0%	***	***
Injection Drug Users (IDU)	***	***	***	***
Heterosexual Exposure (HET)	***	***	***	***
Other Exposures	0	0.0%	--	0.0%
No Reported Exposure	5		4.2	60.0%
TOTAL	7		3.8	57.1%

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Table 20 – Adult/Adolescent Living HIV Cases with and without AIDS by Exposure Category and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	147	100.0%	202	100.0%	349	100.0%
Men who have Sex with Men (MSM)	84	57.1%	84	41.6%	168	48.1%
Injection Drug Users (IDU)	14	9.5%	25	12.4%	39	11.2%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	3	2.0%	6	3.0%	9	2.6%
Heterosexual Exposure (HET)	45	30.6%	86	42.6%	131	37.5%
Other Exposures	1	0.7%	1	0.5%	2	0.6%
No Reported Exposure	151		80		231	
TOTAL	298		282		580	

MALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	108	100.0%	135	100.0%	243	100.0%
Men who have Sex with Men (MSM)	84	77.8%	84	62.2%	168	69.1%
Injection Drug Users (IDU)	8	7.4%	15	11.1%	23	9.5%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	3	2.8%	6	4.4%	9	3.7%
Heterosexual Exposure (HET)	12	11.1%	30	22.2%	42	17.3%
Other Exposures	1	0.9%	0	0.0%	1	0.4%
No Reported Exposure	77		47		124	
TOTAL	185		182		367	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Living HIV Cases without AIDS		Adult/Adolescent Living HIV Cases with AIDS		Adult/Adolescent Living HIV Cases	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	39	100.0%	67	100.0%	106	100.0%
Injection Drug Users (IDU)	6	15.4%	10	14.9%	16	15.1%
Heterosexual Exposure (HET)	33	84.6%	56	83.6%	89	84.0%
Other Exposures	0	0.0%	1	1.5%	1	0.9%
No Reported Exposure*	74		33		107	
TOTAL	113		100		213	

\* Includes 3 HIV cases without AIDS and 3 HIV cases with AIDS with Presumed Female Heterosexual exposure

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Table 21 – Adult/Adolescent Total Living HIV Cases by Exposure Category, Race/Ethnicity, and Sex at Birth, Alive on 12/31/2013 and Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	12	100.0%	222	100.0%	102	100.0%
Men who have Sex with Men (MSM)	6	50.0%	92	41.4%	65	63.7%
Injection Drug Users (IDU)	***	***	27	12.2%	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	97	43.7%	23	22.5%
Other Exposures	0	0.0%	***	***	***	***
No Reported Exposure	9		167		53	
TOTAL	21		389		155	

MALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	10	100.0%	145	100.0%	82	100.0%
Men who have Sex with Men (MSM)	6	60.0%	92	63.4%	65	79.3%
Injection Drug Users (IDU)	***	***	17	11.7%	***	***
Men who have Sex with Men and Inject Drugs (MSM/IDU)	***	***	***	***	***	***
Heterosexual Exposure (HET)	***	***	31	21.4%	7	8.5%
Other Exposures	0	0.0%	***	***	0	0.0%
No Reported Exposure	5		84		33	
TOTAL	15		229		115	

FEMALE EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases					
	Race/Ethnicity					
	Hispanic		Non-Hispanic, Black, only		Non-Hispanic, White, only	
	No.	% of Total with Exposure	No.	% of Total with Exposure	No.	% of Total with Exposure
With Exposure	2	100.0%	77	100.0%	20	100.0%
Injection Drug Users (IDU)	***	***	10	13.0%	***	***
Heterosexual Exposure (HET)	***	***	66	85.7%	16	80.0%
Other Exposures	0	0.0%	1	1.3%	***	***
No Reported Exposure*	4		83		20	
TOTAL	6		160		40	

\* Includes 1 Hispanic case, 3 non-Hispanic black cases, and 2 non-Hispanic white cases with Presumed Female Heterosexual exposure

\*\*\* Data withheld due to low population and/or case counts

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.



**Table 22 – Adult/Adolescent Total Living HIV Cases, Recent CD4 Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases							
	No.	Recent CD4 Test Results						
		No. with Test	% with Test	Median Count	<200	200-349	350-499	500+
With Exposure	349	222	63.6%	555	10.8%	13.5%	16.2%	59.5%
Men who have Sex with Men (MSM)	168	102	60.7%	536	9.8%	10.8%	17.6%	61.8%
Injection Drug Users (IDU)	39	19	48.7%	382	10.5%	26.3%	21.1%	42.1%
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	6	66.7%	680	0.0%	16.7%	0.0%	83.3%
Heterosexual Exposure (HET)	131	94	71.8%	565	12.8%	13.8%	13.8%	59.6%
Other Exposures	2	1	50.0%	472	0.0%	0.0%	100.0%	0.0%
No Reported Exposure*	231	131	56.7%	584	10.7%	9.9%	13.0%	66.4%
TOTAL	580	353	60.9%	564	10.8%	12.2%	15.0%	62.0%

\* Includes 6 cases with Presumed Female Heterosexual exposure

**Table 23 – Adult/Adolescent Total Living HIV Cases, Recent Viral Load Test Results by Exposure Category, Alive on 12/31/2013 and Reported through 12/31/2014**

EXPOSURE CATEGORY	Adult/Adolescent Total Living HIV Cases				
	No.	Recent Viral Load Test Results			
		No. with Test	% with Test	% Suppressed	Median Count
With Exposure	349	223	63.9%	73.1%	12,020
Men who have Sex with Men (MSM)	168	106	63.1%	73.6%	16,215
Injection Drug Users (IDU)	39	16	41.0%	62.5%	22,473
Men who have Sex with Men and Inject Drugs (MSM/IDU)	9	7	77.8%	85.7%	7,390
Heterosexual Exposure (HET)	131	93	71.0%	73.1%	10,900
Other Exposures	2	1	50.0%	100.0%	--
No Reported Exposure*	231	129	55.8%	80.6%	3,600
TOTAL	580	352	60.7%	75.9%	10,000

\* Includes 6 cases with Presumed Female Heterosexual exposure

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

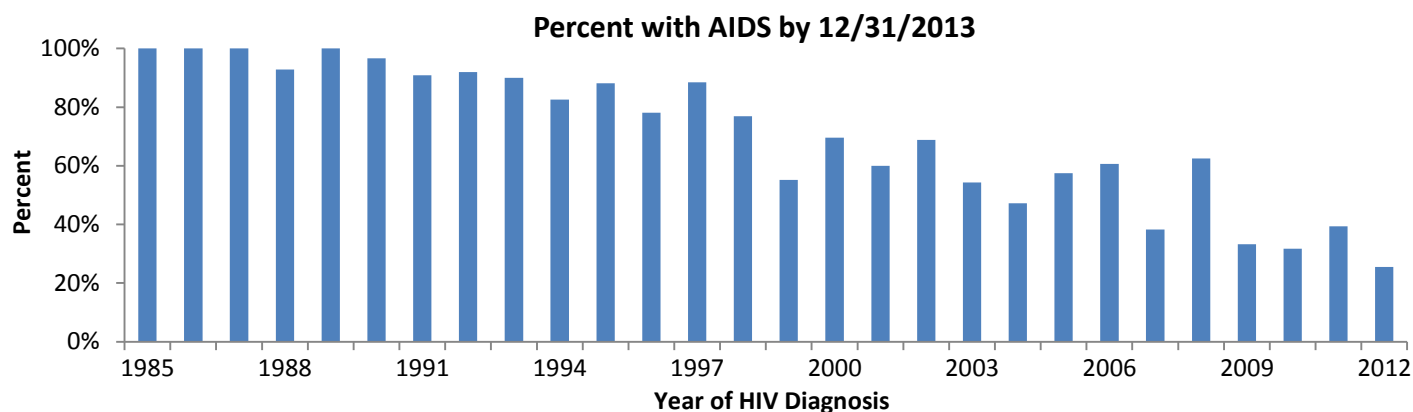
**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

## Section VIII – Disease Progression and Mortality

**Figure 9 – Trends in Disease Progression by Year of HIV Diagnosis, 1985-2012, Reported through 12/31/2014**

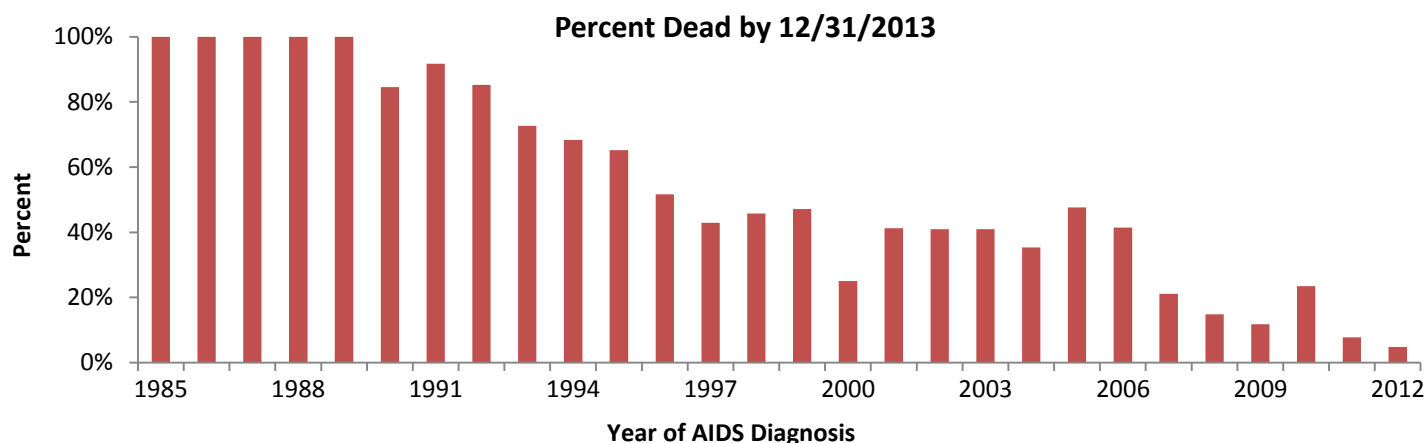
Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with or without an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported HIV Diagnoses), Number of Adult/Adolescent Reported HIV Cases with an AIDS Diagnosis by 12/31/2013 (Reported AIDS Diagnoses), Percent by Year of HIV Diagnosis of Adult/Adolescent Reported HIV Diagnoses with a Reported AIDS Diagnosis by 12/31/2013, the Average Years from HIV Diagnosis to AIDS Diagnosis for Cases with an AIDS Diagnosis, and the Percent by Year of HIV Diagnosis of Reported Adult/Adolescent HIV Diagnoses with a Reported AIDS Diagnosis at 1 Year, 2 Years, 5 Years, and 10 Years after HIV Diagnosis, by Year of HIV Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014



YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported HIV Diagnoses							
	No.	Reported AIDS Diagnoses			Percent with AIDS by Years After HIV Diagnosis			
		No.	% with AIDS	Mean Years from HIV to AIDS	1 Year	2 Years	5 Years	10 Years
<1985	2	2	100.0%	10.0	50.0%	50.0%	50.0%	50.0%
1985	6	6	100.0%	9.8	16.7%	16.7%	33.3%	66.7%
1986	12	12	100.0%	6.6	41.7%	41.7%	50.0%	66.7%
1987	16	16	100.0%	6.0	37.5%	37.5%	56.3%	81.3%
1988	14	13	92.9%	2.7	57.1%	57.1%	71.4%	92.9%
1989	21	21	100.0%	2.2	61.9%	61.9%	85.7%	95.2%
1990	30	29	96.7%	3.2	40.0%	50.0%	73.3%	93.3%
1991	22	20	90.9%	2.4	54.5%	59.1%	72.7%	90.9%
1992	25	23	92.0%	1.5	68.0%	68.0%	88.0%	88.0%
1993	20	18	90.0%	1.4	75.0%	80.0%	85.0%	85.0%
1994	23	19	82.6%	2.6	56.5%	65.2%	65.2%	73.9%
1995	34	30	88.2%	3.4	44.1%	47.1%	64.7%	79.4%
1996	32	25	78.1%	1.7	53.1%	62.5%	68.8%	75.0%
1997	26	23	88.5%	1.9	65.4%	65.4%	69.2%	84.6%
1998	26	20	76.9%	1.6	61.5%	65.4%	65.4%	73.1%
1999	29	16	55.2%	1.8	37.9%	41.4%	48.3%	51.7%
2000	23	16	69.6%	3.9	26.1%	30.4%	47.8%	65.2%
2001	30	18	60.0%	0.8	50.0%	50.0%	60.0%	60.0%
2002	32	22	68.8%	1.2	53.1%	56.3%	65.6%	68.8%
2003	35	19	54.3%	1.5	42.9%	42.9%	45.7%	51.4%
2004	36	17	47.2%	1.1	38.9%	41.7%	44.4%	--
2005	40	23	57.5%	1.0	47.5%	47.5%	52.5%	--
2006	33	20	60.6%	1.0	48.5%	51.5%	54.5%	--
2007	47	18	38.3%	1.3	27.7%	29.8%	36.2%	--
2008	40	25	62.5%	1.0	50.0%	52.5%	--	--
2009	42	14	33.3%	1.5	21.4%	21.4%	--	--
2010	41	13	31.7%	0.7	24.4%	26.8%	--	--
2011	33	13	39.4%	0.4	33.3%	39.4%	--	--
2012	47	12	25.5%	0.3	23.4%	--	--	--
TOTAL	817	523	64.0%	2.1	43.5%	46.3%	54.2%	61.0%

**Figure 10 – Trends in Survival Times by Year of AIDS Diagnosis, 1985-2012, Reported through 12/31/2014**

Number of Adult/Adolescent Reported HIV Cases, Age 13+ at HIV Diagnosis, with an AIDS Diagnosis by 12/31/2012 (Adult/Adolescent Reported AIDS Diagnoses), Number of Adult/Adolescent Reported AIDS Diagnosis Reported to Have Died of Any Cause by 12/31/2013 (Reported AIDS Deaths), Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses with a Reported AIDS Death (Percent Dead) by 12/31/2013, the Average Years from AIDS Diagnosis to Death for Cases that have Died, and the Percent by Year of AIDS Diagnosis of Adult/Adolescent Reported AIDS Diagnoses Not Reported to Have Died (Percent Alive) at 1 Year, 2 Years, 5 Years, and 10 Years after AIDS Diagnosis, by Year of AIDS Diagnosis from 1985 through 2012, as Reported by Name through 12/31/2014

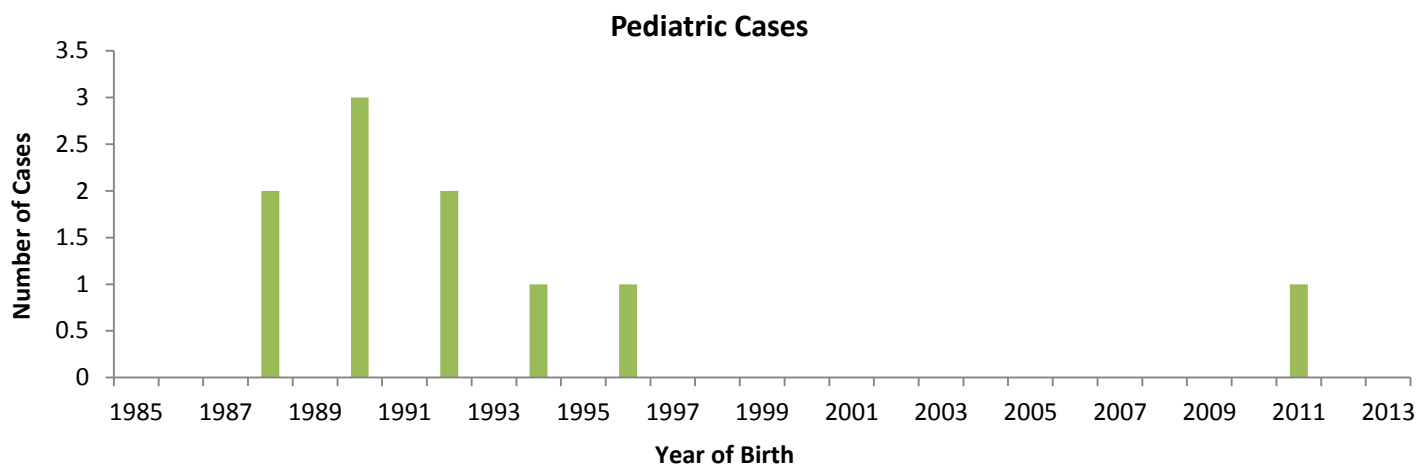


YEAR OF HIV DIAGNOSIS	Adult/Adolescent Reported AIDS Diagnoses							
	No.	Reported AIDS Deaths			Percent Alive by Years After AIDS Diagnosis			
		No.	% Dead	Mean Years from AIDS to Death	1 Year	2 Years	5 Years	10 Years
<1985	1	1	100.0%	0.0	0.0%	0.0%	0.0%	0.0%
1985	1	1	100.0%	2.9	100.0%	100.0%	0.0%	0.0%
1986	5	5	100.0%	1.1	40.0%	20.0%	0.0%	0.0%
1987	6	6	100.0%	2.5	50.0%	16.7%	16.7%	16.7%
1988	8	8	100.0%	2.3	62.5%	50.0%	12.5%	0.0%
1989	14	14	100.0%	2.1	85.7%	50.0%	0.0%	0.0%
1990	13	11	84.6%	3.6	76.9%	61.5%	38.5%	23.1%
1991	12	11	91.7%	2.4	83.3%	58.3%	16.7%	8.3%
1992	27	23	85.2%	3.0	85.2%	59.3%	22.2%	22.2%
1993	22	16	72.7%	1.7	72.7%	50.0%	31.8%	27.3%
1994	19	13	68.4%	3.2	89.5%	52.6%	47.4%	42.1%
1995	23	15	65.2%	3.1	73.9%	56.5%	52.2%	43.5%
1996	29	15	51.7%	4.9	86.2%	79.3%	72.4%	58.6%
1997	21	9	42.9%	5.3	81.0%	81.0%	81.0%	61.9%
1998	24	11	45.8%	5.2	83.3%	83.3%	79.2%	62.5%
1999	17	8	47.1%	4.6	88.2%	88.2%	70.6%	58.8%
2000	16	4	25.0%	7.8	100.0%	100.0%	87.5%	81.3%
2001	17	7	41.2%	3.9	88.2%	82.4%	70.6%	64.7%
2002	22	9	40.9%	2.6	86.4%	81.8%	63.6%	59.1%
2003	22	9	40.9%	2.9	81.8%	77.3%	68.2%	63.6%
2004	17	6	35.3%	3.0	82.4%	76.5%	76.5%	--
2005	21	10	47.6%	3.3	81.0%	76.2%	66.7%	--
2006	29	12	41.4%	2.5	82.8%	82.8%	65.5%	--
2007	19	4	21.1%	1.1	84.2%	84.2%	78.9%	--
2008	27	4	14.8%	1.7	92.6%	92.6%	--	--
2009	17	2	11.8%	1.7	94.1%	94.1%	--	--
2010	17	4	23.5%	0.6	82.4%	76.5%	--	--
2011	13	1	7.7%	0.4	92.3%	92.3%	--	--
2012	21	1	4.8%	0.0	95.2%	--	--	--
TOTAL	500	240	48.0%	3.1	83.8%	74.8%	62.2%	55.6%

## Section IX – Pediatric Cases

**Figure 11 – Trends in Pediatric HIV Cases, 1985-2013, Reported through 12/31/2014**

Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis (Pediatric Reported HIV Diagnoses) by Year of Birth, by Year of HIV Diagnosis, by Year of AIDS Diagnosis, and by Year of Death Due to Any Cause, and Number of Pediatric Reported HIV Cases, Age <13 at HIV Diagnosis, with or without an AIDS Diagnosis and Not Reported to have Died as of December 31<sup>st</sup> of Each Year (Pediatric Total Living HIV Cases) from 1985 through 2013, as Reported by Name through 12/31/2014



YEAR	Pediatric Reported HIV Diagnoses				Pediatric Total Living HIV Cases
	No. by Year of Birth	No. by Year of HIV Diagnosis	No. by Year of AIDS Diagnosis	No. by Year of Death	No. Alive on 12/31 of Each Year
<1985	1	0	0	0	
1985	0	0	0	0	0
1986	0	0	0	0	0
1987	0	0	0	0	0
1988	2	1	1	0	0
1989	0	0	0	0	0
1990	3	1	0	0	1
1991	0	0	0	0	1
1992	2	1	0	0	2
1993	0	0	0	0	2
1994	1	3	3	0	4
1995	0	0	0	1	3
1996	1	2	1	1	5
1997	0	0	0	0	5
1998	0	0	0	0	5
1999	0	0	0	1	4
2000	0	0	0	0	4
2001	0	0	0	0	5
2002	0	1	0	0	6
2003	0	0	0	0	6
2004	0	0	0	0	6
2005	0	0	0	0	6
2006	0	0	0	0	6
2007	0	1	1	0	7
2008	0	0	0	0	7
2009	0	0	0	0	7
2010	0	0	0	1	6
2011	1	1	1	0	7
2012	0	0	0	0	7
2013	0	0	0	1	6
TOTAL	11	11	7	5	--

**Table 24 – Pediatric Total Living HIV Cases, Alive on 12/31/2013, by Jurisdiction, Reported through 12/31/2014**

JURISDICTION OF RESIDENCE AT DIAGNOSIS	Pediatric Total Living HIV Cases	
	No.	% of Total
Calvert	2	33.3%
Charles	3	50.0%
Saint Mary's	1	16.7%
TOTAL	6	100.0%

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis for pediatric reported HIV diagnoses, and jurisdiction of residence at later of time of initial HIV diagnosis or initial AIDS diagnosis for pediatric total living HIV cases.

**Pediatric Reported HIV Diagnoses:** Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Table 25 – Pediatric Total Living HIV Cases by Sex at Birth and Race/Ethnicity, Alive on 12/31/2013 and Reported through 12/31/2014**

SEX AT BIRTH	Pediatric Total Living HIV Cases	
	No.	% of Total
Male	4	66.7%
Female	2	33.3%
TOTAL	6	100.0%

RACE/ETHNICITY	Pediatric Total Living HIV Cases	
	No.	% of Total
Hispanic	0	0.0%
Non-Hispanic	6	100.0%
American Indian/ Alaska Native, only	0	0.0%
Asian, only	0	0.0%
Black, only	5	83.3%
Native Hawaiian/Other Pacific Islander, only	0	0.0%
White, only	1	16.7%
Multiracial/Other	0	0.0%
TOTAL	6	100.0%

**Pediatric Reported HIV Diagnoses:** Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

## Glossary of Terms

**Adult/Adolescent Living HIV Cases with AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Living HIV Cases without AIDS:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Adult/Adolescent Reported AIDS Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial AIDS diagnosis during the specified year.

**Adult/Adolescent Reported HIV Diagnoses:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with an initial HIV diagnosis during the specified year.

**Adult/Adolescent Total Living HIV Cases:** Reported HIV diagnoses, age 13 years or older at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Age at AIDS Diagnosis:** Age group at time of initial AIDS diagnosis.

**Age at HIV Diagnosis:** Age group at time of initial HIV diagnosis.

**Age on [date]:** Age group of living cases on the specified date.

**AIDS Deaths:** Reported HIV diagnoses with an AIDS diagnosis that have died due to any cause.

**CD4 Result Distribution (<200, 200-349, 350-499, 500+):** Percent of cases with a CD4 test distributed by their CD4 count results (cells per microliter).

**Confirmed Perinatal HIV Transmissions:** Reported babies born to an HIV positive mother, with a confirmed HIV diagnosis.

**First CD4 Test Result:** First reported CD4 test result obtained within 12 months following initial HIV diagnosis.

**Jurisdiction of Residence at AIDS Diagnosis:** Jurisdiction of residence at time of initial AIDS diagnosis.

**Jurisdiction of Residence at Diagnosis:** Jurisdiction of residence at the later of time of initial HIV diagnosis or time of initial AIDS diagnosis.

**Jurisdiction of Residence at HIV Diagnosis:** Jurisdiction of residence at time of initial HIV diagnosis.

**Live Births:** Babies born alive in the general population.

**Living HIV Cases with AIDS:** Reported HIV diagnoses with an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Living HIV Cases without AIDS:** Reported HIV diagnoses without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Mean Years from HIV Diagnosis (to AIDS Diagnosis):** Mean or average number of years from initial HIV diagnosis to initial AIDS diagnosis for cases with a reported AIDS diagnosis.

**Mean Years from AIDS Diagnosis to AIDS Death:** Mean or average number of years from initial AIDS diagnosis to death for adult/adolescent reported AIDS diagnoses with a reported death.

**Median:** The measure of central location, which divides a set of data into two equal parts.

**Median Count (First CD4):** Median CD4 count (cells per microliter) of the first CD4 test result reported within 12 months following initial HIV diagnosis.

**Median Count (Recent CD4):** Median CD4 count (cells per microliter) of the most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year

**Median Unsuppressed (Viral Load):** Median unsuppressed viral load (copies per milliliter) among adult/adolescent living HIV cases with a most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year of 200 copies per milliliter or greater.

**Number Linked to Care:** Number of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis calculated from Percent Linked to Care.

**Number of Late HIV Diagnosis (for HIV diagnoses):** Number of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis calculated from Percent Late HIV Diagnosis.

**On ART:** Estimated number of HIV Diagnosed receiving antiretroviral therapy (ART) during the specified year.

**Pediatric Reported HIV Diagnoses:** Reported HIV diagnoses, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, with initial HIV diagnosis during the specified year.

**Pediatric Total Living HIV Cases:** Reported HIV diagnosis, age less than 13 years at HIV diagnosis, with or without an AIDS diagnosis, and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Percent Alive by Years after AIDS Diagnosis:** Percent of adult/adolescent reported AIDS diagnoses not reported to have died at 1 year, 2 years, 5 years and 10 years after initial AIDS diagnosis, by year of AIDS diagnosis.

**Percent Late HIV Diagnosis (for AIDS diagnoses):** Percent of adult/adolescent reported AIDS diagnoses with an initial HIV diagnosis less than or equal to 12 months prior to their initial AIDS diagnosis.

**Percent Late HIV Diagnosis (for HIV diagnoses):** Percent of adult/adolescent reported HIV diagnoses with an initial AIDS diagnosis less than or equal to 12 months after their initial HIV diagnosis.

**Percent Linked to Care:** Percent of adult/adolescent reported HIV diagnoses with a CD4 or viral load test performed less than or equal to 3 months after their initial HIV diagnosis.

**Percent Suppressed (Viral Load):** Percent of adult/adolescent total living HIV cases with a most recent viral load reported in the 12 months prior to December 31<sup>st</sup> of the specified year of less than 200 copies per milliliter.

**Percent with AIDS:** Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis by 12/31/2011.

**Percent with AIDS by Years after HIV Diagnosis:** Percent of adult/adolescent reported HIV diagnoses in the specified year with an initial AIDS diagnosis at 1 year, 2 years, 5 years and 10 years after HIV diagnosis.

**Perinatal HIV Transmission Rate:** Percent of confirmed perinatal HIV transmissions among reported perinatal HIV exposures.

**Population:** Population estimate for 7/1/2013.

**Population Age 13+:** Population age 13 years or older, estimate for 7/1/2013.

**Rate:** A proportion used to represent risk for disease within a given population. It is calculated by dividing the number of diagnoses by the number of persons at risk (population estimate).

**Ratio (1 in X):** Number of people for every 1 living HIV case in the population, or 1 living HIV case in every X number of people.

**Recent CD4 Test Result:** The most recent CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Recent Viral Load Test Result:** The most recent viral load test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Reported AIDS Deaths:** Reported HIV diagnoses with an AIDS diagnosis, reported to have died of any cause during the specified year.

**Reported AIDS Diagnoses:** Reported HIV diagnoses with an initial AIDS diagnosis during the specified year.

**Reported HIV Diagnoses:** Reported HIV diagnoses with an initial HIV diagnosis during the specified year.

**Reported Perinatal HIV Exposures:** Reported babies born to an HIV positive mother during the specified year.

**Retained in HIV Care:** HIV Diagnosed with a CD4 test result reported in the 12 months prior to December 31<sup>st</sup> of the specified year.

**Total Living HIV Cases:** Reported HIV diagnoses with or without an AIDS diagnosis and not reported to have died as of December 31<sup>st</sup> of the specified year.

**Women of Childbearing Age Total Living HIV cases:** Reported HIV diagnoses among women of childbearing age (13-49 years old) on December 31<sup>st</sup> of the specified year